

ABSTRACT

A packet relay device comprises a join request unit operable to transmit a join request to join a multicast group in response to receiving a join instruction to join the multicast group, the join instruction transmitted by a mobile node at least before the mobile node moves between subnetworks and a packet forwarding unit operable to forward subsequently received multicast packets for the multicast group for a specified time period to a care-of address in response to receiving location registration information containing the care-of address of the mobile node in a foreign subnetwork to which the mobile node has moved, the location registration information transmitted when the mobile node has moved between subnetworks.

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